



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

D3272-1

Job Sheet 201597



Part No: D3272-1

Job Qty: 10 pcs

Part Name: Step



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/7/19

Job Tracking No:

Due Date: 1/10/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B IPP Rev:A New Issue 07-06-09 JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation                   | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier      |           | Sign-off                                       |
|-------|-----------------------------|--------|------------|----------|-----------|---------|--------------------------|-----------|------------------------------------------------|
|       |                             |        |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier    | Lead Time |                                                |
| 100   | Large Fab - Steps - 1       | 10 pcs | 1/10/20    | 1/10/20  | 0.00      | 4.65    | Large Fab - 1            |           | MM<br>MTC                                      |
|       |                             |        |            |          |           |         | Large Fab - 10           |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 2            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 3            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 4            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 5            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 6            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 7            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 8            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 9            |           |                                                |
|       |                             |        |            |          |           |         | Large Fab - 11 (Various) |           |                                                |
| 110   | QC 5                        | 10 pcs | 1/10/20    | 1/10/20  | 0.00      | 10.00   | QC 5 - 10                |           | DAS<br>40<br>9-89<br>82<br>9-89<br>MAR 03 2020 |
|       |                             |        |            |          |           |         | QC 5 - 12                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 17                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 18                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 19                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 22                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 24                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 3                 |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 43                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 49                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 51                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 58                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 68                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 9                 |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 50                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 30                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 40                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 61                |           |                                                |
|       |                             |        |            |          |           |         | QC 5 - 81                |           |                                                |
| 120   | Packaging 3-1 - Stock - B4B | 10 pcs | 1/10/20    | 1/10/20  | 0.00      | 10.00   | Packaging 3 - 1 - B4B    |           |                                                |



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Container No: S259628



Part: D3272-1

Job No: 201597

Serial No/Batch: S259628

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 03/02/20

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           |                        |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|---------------------------|------------------------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 2 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 3 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 4 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 5 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 6 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 7 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 8 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 9 - B4B  |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 10 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 11 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 12 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 13 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 14 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 15 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 16 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 17 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 18 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 19 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 20 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 21 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 22 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 23 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 24 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 25 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 26 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 27 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 28 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 29 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 30 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 31 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 32 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 33 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 34 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 35 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | Packaging 3 - 36 - B4B |      |
| 130 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10 pcs                | 1/10/20         | 0.00 10.00                | QC 21 - SA - 21        | DAS  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | QC 21 - SA - 70        | 21   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                 |                           | QC 21 - SA - 53        | 9-81 |
| <p>Part Op 100 - (Fabricate per Drwg)***SQUARE ONE END BEFORE CUTTING OTHER END*** 1-Cut D2622-120 extrusion to<br/>         Descriptions: 116.25" long as per Dwg D3272 2-Drill extrusion as per Dwg D3272 using Jig DT8680 for rivets. 3-Deburr<br/>         110 - (QC5- Inspect part completeness to step on W/O)<br/>         120 - (Identify as per dwg &amp; Stock Location: _____) LOCATION: WA003<br/>         130 - (QC21- Final Inspection - Work Order Release)</p> |                       |                 |                           |                        |      |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                 |                           |                        |      |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Component Name</b> | <b>Quantity</b> | <b>Operation</b>          | <b>Container</b>       |      |
| D2622-120C                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Step Extrusion        | 10 pcs (1 ea)   | 100-Large Fab - Steps - 1 | 5243427                |      |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                 |                           |                        |      |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Component Part</b> | <b>Required</b> | <b>Inventory</b>          | <b>Allocated</b>       |      |
| 100-Large Fab - Steps - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                      | D2622-120C            | 10              | 65                        | 0                      |      |
| <b>Part Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                 |                           |                        |      |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                 |                           |                        |      |

Plex 10/7/19 4:16 PM Dart.lajeunesse.marie

Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                |                                                                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------|
| <p>Job: _____</p> <p>Part No. _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p><b>DISPOSITION</b></p> <div style="display: flex; justify-content: space-between;"> <div> <p>Rework <input type="checkbox"/></p> <p>Scrap <input type="checkbox"/></p> <p>Use-as-is <input type="checkbox"/></p> </div> <div> <p>Skid-tube <input type="checkbox"/></p> <p>Machining <input type="checkbox"/></p> <p>Large Fab <input type="checkbox"/></p> </div> <div> <p>Cross tube <input type="checkbox"/></p> <p>Small Fab <input type="checkbox"/></p> <p>Finishing <input type="checkbox"/></p> </div> <div> <p>Eng. (Non-AW) <input type="checkbox"/></p> <p>Prod. Eng. Coord. <input type="checkbox"/></p> <p>Rec/Store/Packaging <input type="checkbox"/></p> </div> <div> <p>Engineering <input type="checkbox"/></p> <p>Water Jet <input type="checkbox"/></p> <p>Supplier <input type="checkbox"/></p> <p>Quality <input type="checkbox"/></p> </div> </div> | <p><b>DEPARTMENT/PROCESS</b></p>                                                               | <p>Sequence #: _____</p> <p>QTY Affected: _____</p> <p><b>Disposition</b></p> | <p>MRB (QSI042)</p> |
| <p>Date: _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>Description Work Order Deviation</b></p>                                                 |                                                                               |                     |
| <p><b>Root Cause</b></p> <div style="display: flex; justify-content: space-between;"> <div> <p>Operator <input type="checkbox"/></p> <p>Manufacturing Process <input type="checkbox"/></p> <p>Equip/Tooling <input type="checkbox"/></p> <p>Handling/Preservation <input type="checkbox"/></p> <p>Material <input type="checkbox"/></p> <p>Product Improvement <input type="checkbox"/></p> <p>Process Improvement <input type="checkbox"/></p> <p>Human Factors <input type="checkbox"/></p> </div> <div> <p>Pressure/Forced <input type="checkbox"/></p> <p>Bending <input type="checkbox"/></p> <p>Crushing <input type="checkbox"/></p> <p>Cracks <input type="checkbox"/></p> <p>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/></p> <p>Marks/Chatter <input type="checkbox"/></p> <p>Mislabeled <input type="checkbox"/></p> <p>Other/Details: _____</p> </div> <div> <p>Contamination <input type="checkbox"/></p> <p>Misaligned/off center <input type="checkbox"/></p> <p>BOM/Route <input type="checkbox"/></p> <p>Broken/Damage/Defect <input type="checkbox"/></p> <p>Incomplete/Unclear Instructions <input type="checkbox"/></p> <p>Drill Holes <input type="checkbox"/></p> <p>Fit/Function <input type="checkbox"/></p> </div> <div> <p>Power Loss/Surge <input type="checkbox"/></p> <p>Folio/Program <input type="checkbox"/></p> <p>Grain Direction <input type="checkbox"/></p> <p>Weld <input type="checkbox"/></p> <p>Wrong Stock Pulled <input type="checkbox"/></p> <p>Out of Sequence <input type="checkbox"/></p> <p>Off-set/Set-up <input type="checkbox"/></p> </div> <div> <p>Positioned Wrong <input type="checkbox"/></p> <p>Outside Tolerance <input type="checkbox"/></p> <p>Drawing <input type="checkbox"/></p> <p>Finish <input type="checkbox"/></p> <p>Part Lost/Missing <input type="checkbox"/></p> <p>Misread <input type="checkbox"/></p> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>Completed By _____</p> <p>Lead hand / Supervisor _____</p> <p>QC / QA Coordinator _____</p> |                                                                               |                     |